



PRODUCT-DETAILS

ACS530-01-017A-4+J400

ACS530-01-017A-4+J400 PN: 7.5kW, IN: 17A



General Information	
Global Commercial Alias	ACS530-01-017A-4+J400
Product ID	3ABD00046334
ABB Type Designation	ACS530-01-017A-4+J400
Catalog Description	ACS530-01-017A-4+J400 PN: 7.5kW, IN: 17A
Long Description	<p>The ACS530-01 can control your compressors, conveyors, pumps, centrifuges, fans, and many other variable and simple constant torque applications, in a variety of light industries, including food and beverage, plastic, textile, material handling, and agriculture. All essential features are built-in as standard, simplifying drive selection, and making additional hardware unnecessary. The basic control panel enable fast setup, commissioning, use, and maintenance, while a rugged and robust design make it a good fit for various environments.</p> <p>The wall-mounted ACS530-01 comes in an IP20 enclosure as standard.</p>

Ordering	
Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS530-01-017A-4+J400 PN: 7.5kW, IN: 17A
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Quote Only	No

Selling Unit of Measure piece

Dimensions

Product Net Weight	2.5 kg
Product Net Depth / Length	207 mm
Product Net Height	220 mm
Product Net Width	172 mm
Package Level 1 Depth / Length	280 mm
Package Level 1 Height	265 mm
Package Level 1 Width	250 mm
Package Level 1 Units	1 carton

Technical

Number of Phases	3
Degree of Protection	IP20
Enclosure Type NEMA	Open Type
Frequency (f)	47.5 ... 63 Hz
Frame Size	B2
Input Voltage (U_{in})	380 ... 500 V
Mounting Type	Wall-mounted_NO UNIT\$
Output Current, Light-Overload Use (I_{LD})	16.2 A
Output Current, Normal Use (I_n)	17 A
Output Power, Light-Overload Use (P_{LD})	7.5 kW
Output Power, Normal Use (P_n)	7.5 kW
Efficiency Level	IE2
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	91 W	0.8 %	87.3 %
0 / 50 %	114 W	1 %	91.3 %
0 / 100 %	193 W	1.6 %	92.6 %
50 / 25 %	96 W	0.8 %	93.1 %
50 / 50 %	125 W	1.1 %	95.3 %
50 / 100 %	220 W	1.9 %	95.8 %
90 / 50 %	141 W	1.2 %	97 %
90 / 100 %	259 W	2.2 %	97.2 %

Additional Information

Product Name	Frequency Converter
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Classifications	
UNSPSC	39122001

Environmental	
WEEE Category	Product Not in WEEE Scope

Categories	
Drives → Low Voltage AC Drives → General Purpose Drives → ACS530-01 - Wall-mounted drive	

